

Legend:



Task Receives Resource



Task Requests Resource That Is Unavailable

Figure 1

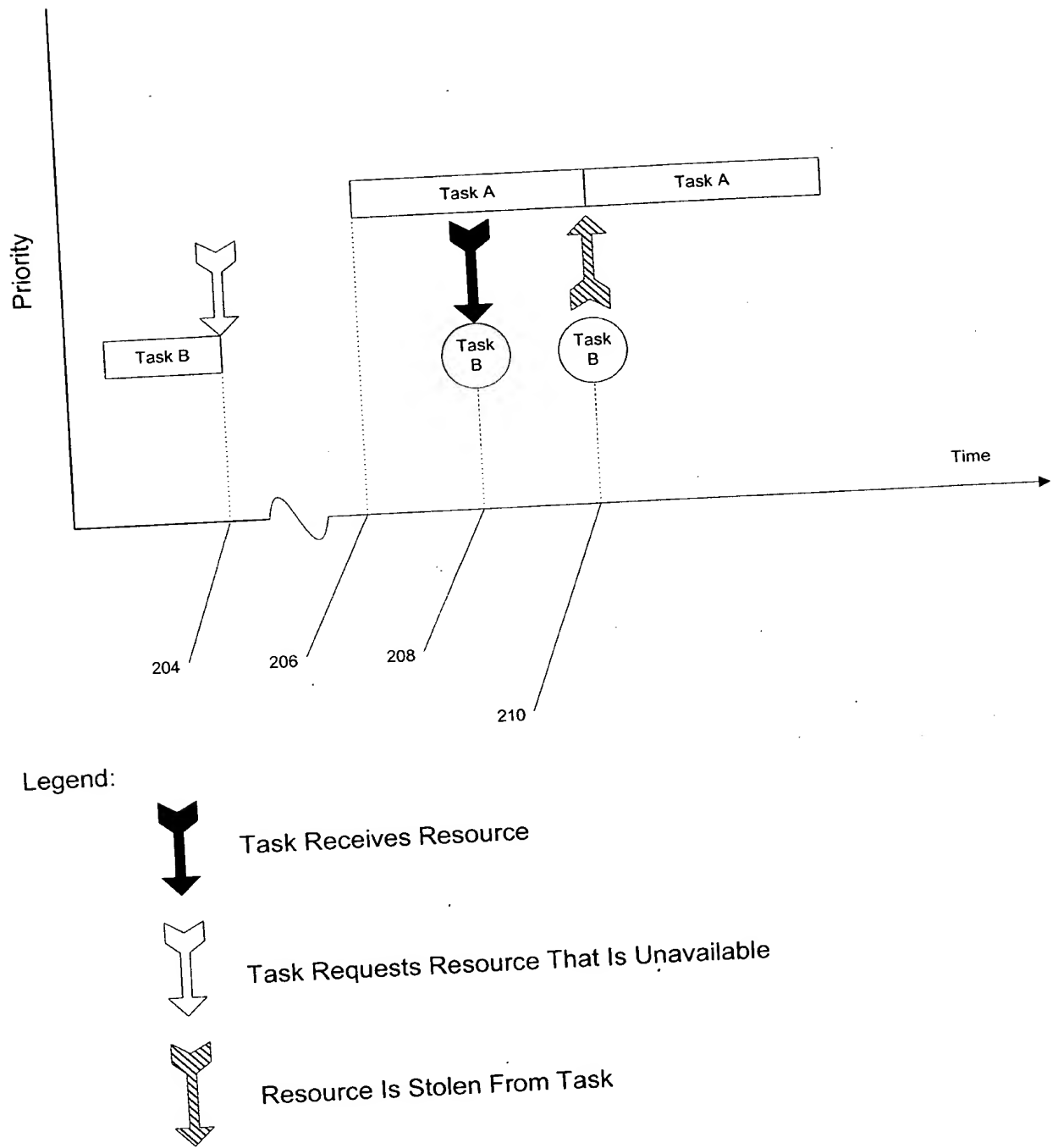


Figure 2

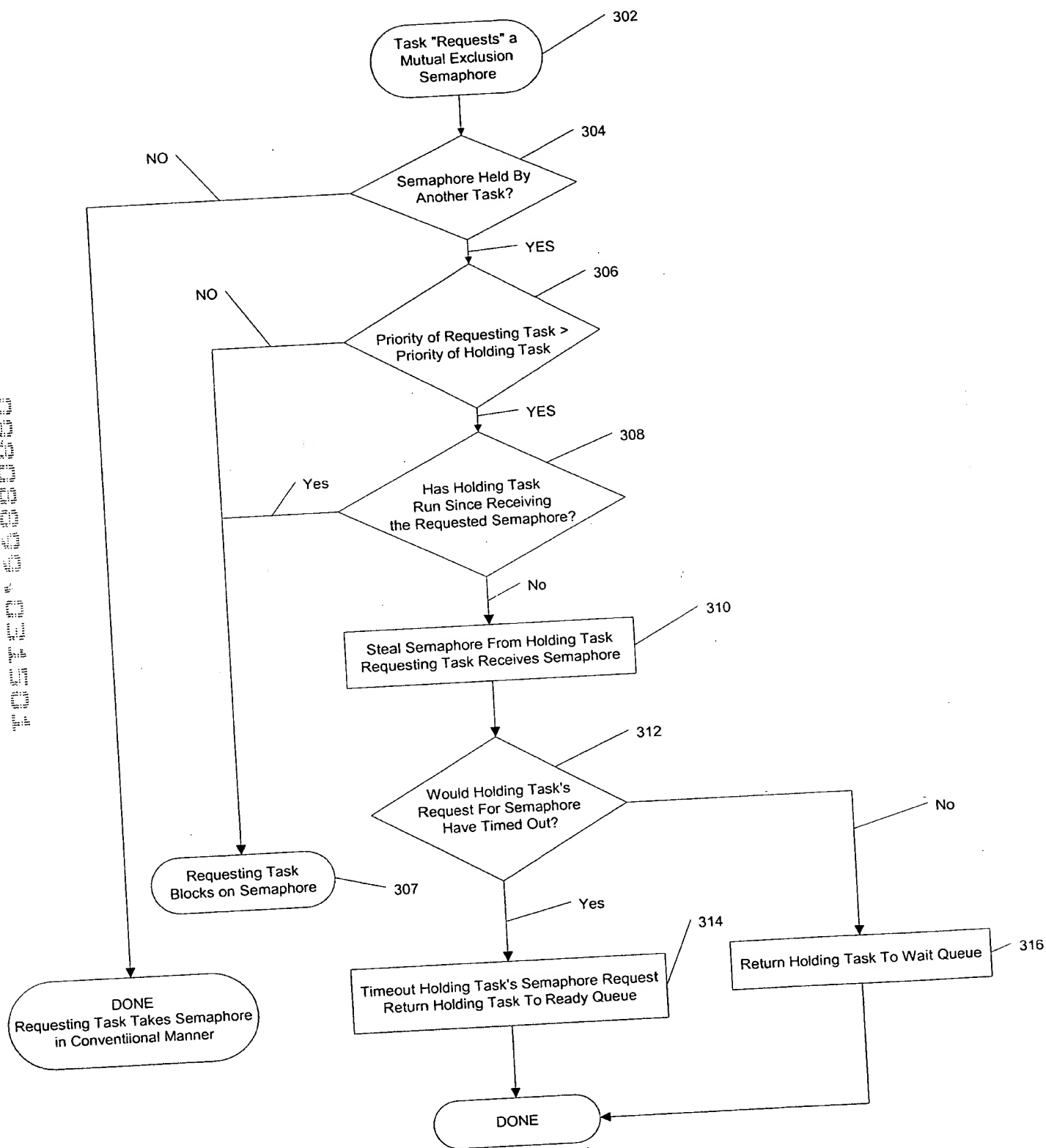


Figure 3

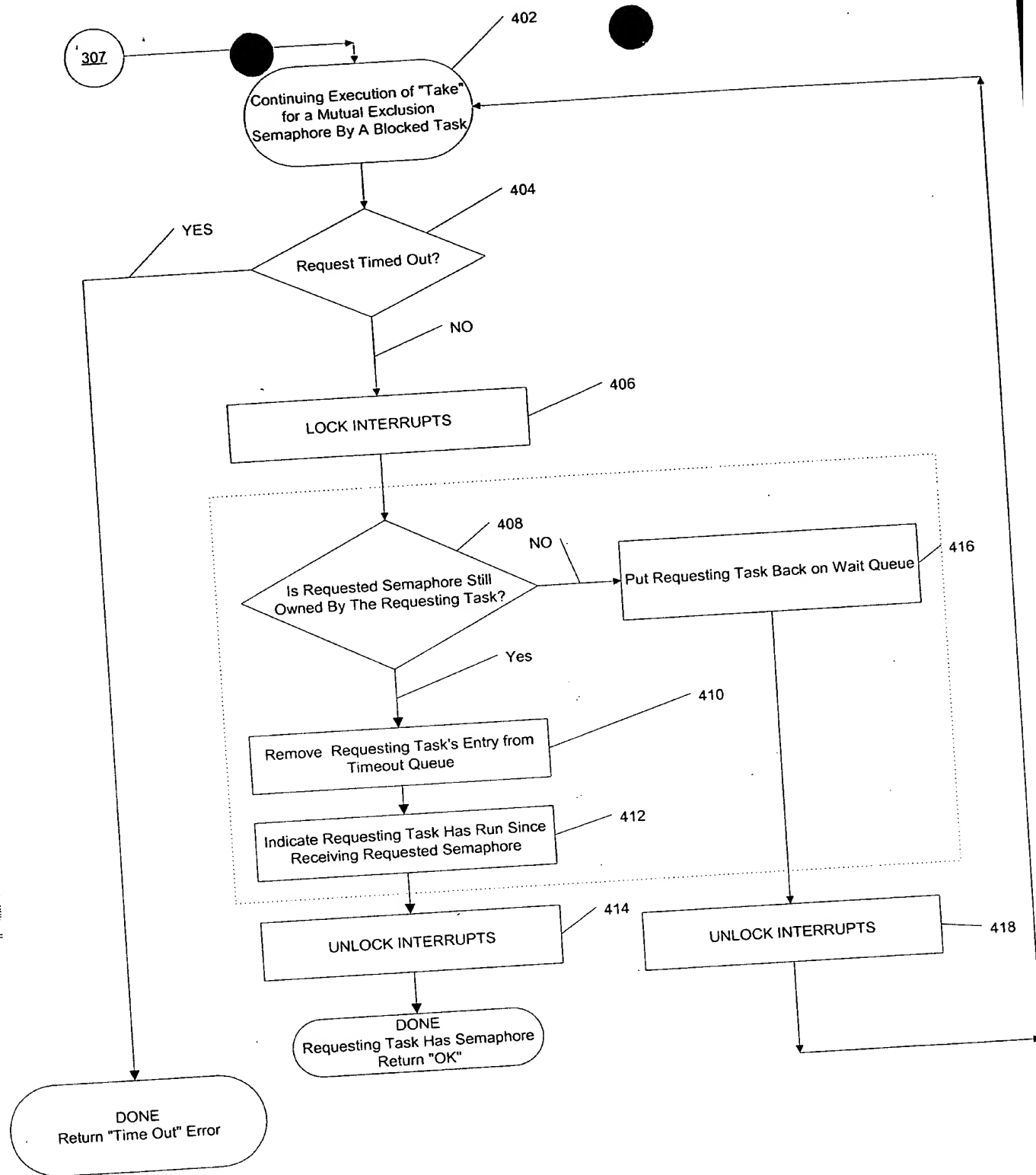


Figure 4

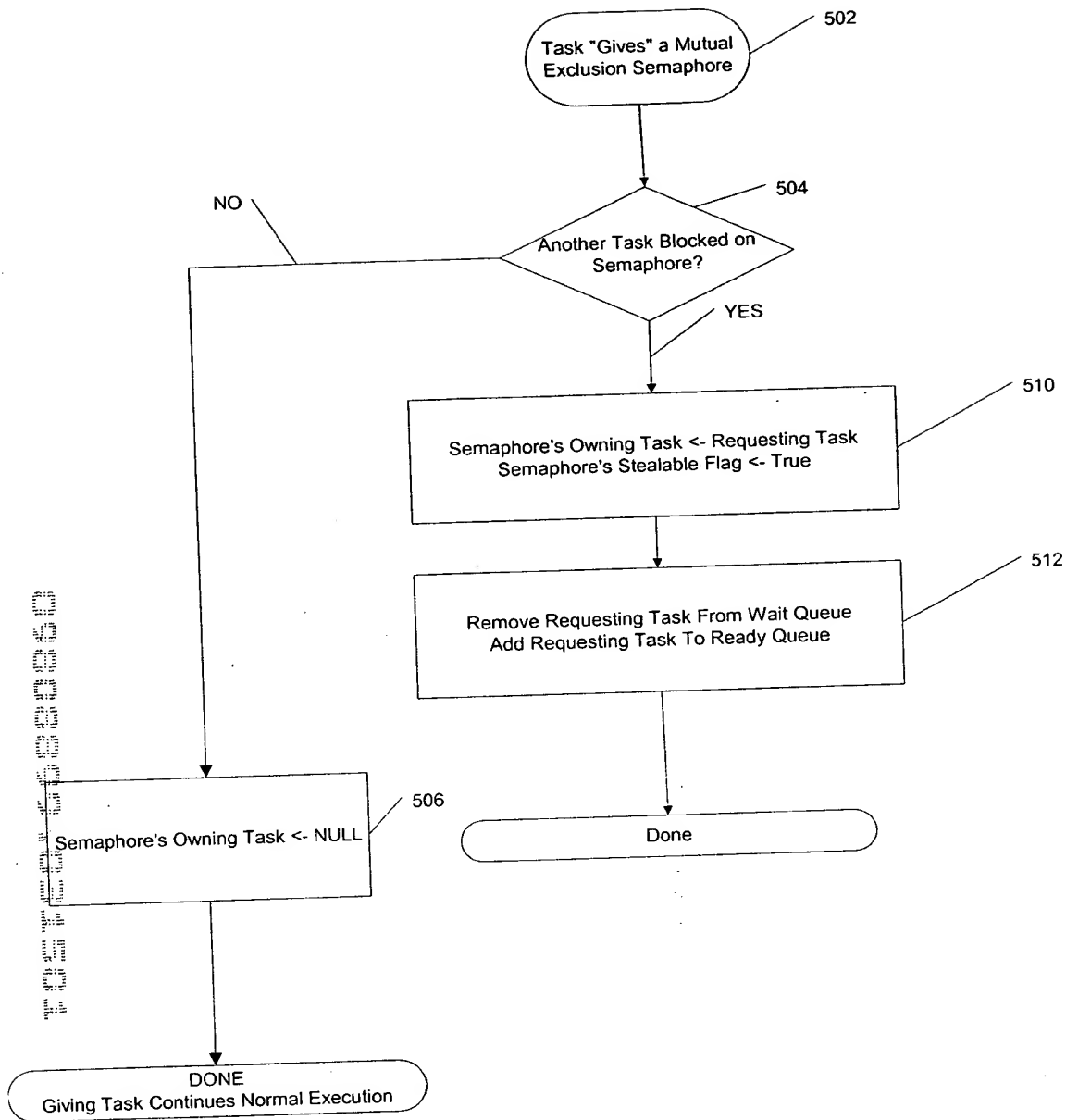


Figure 5

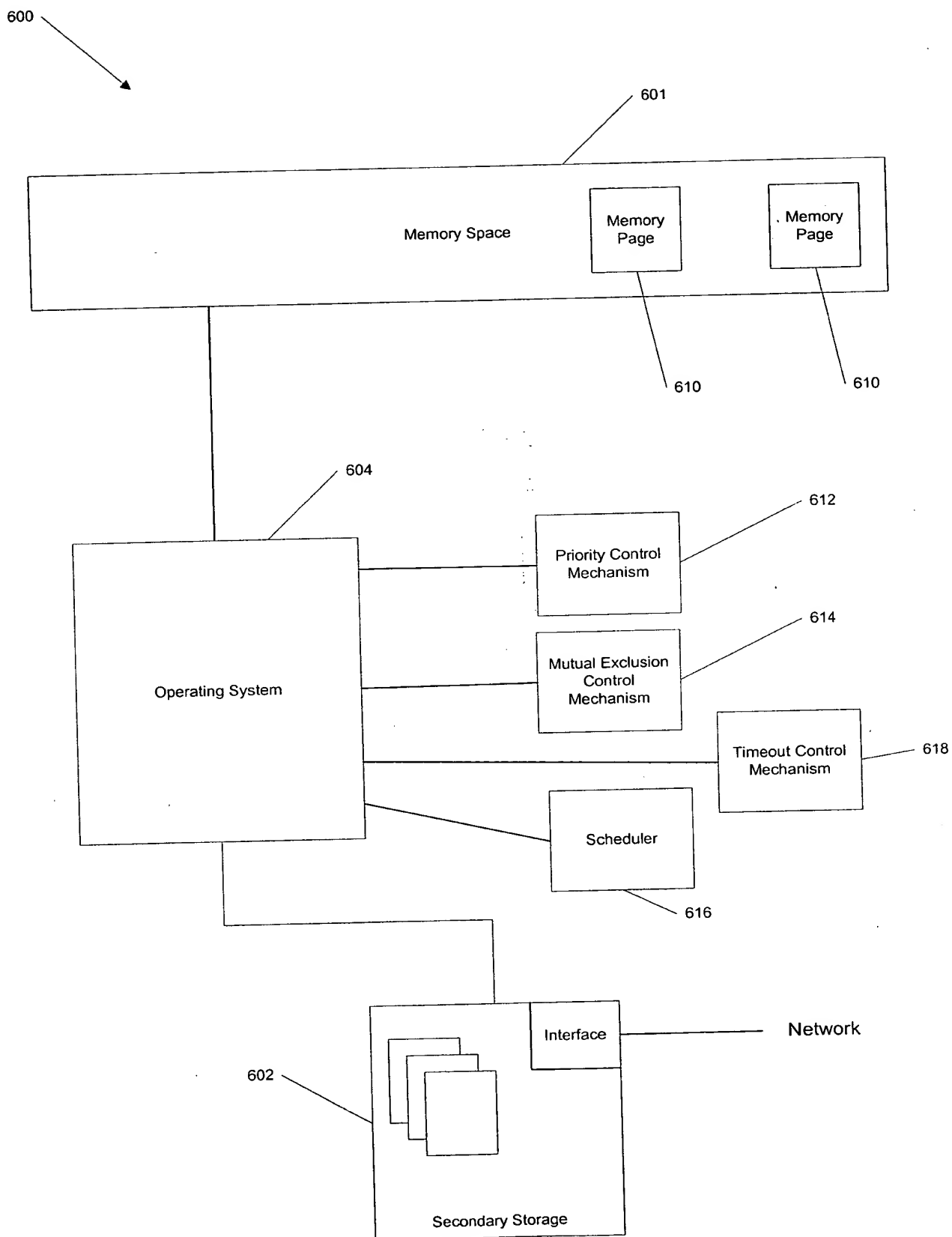


Figure 6

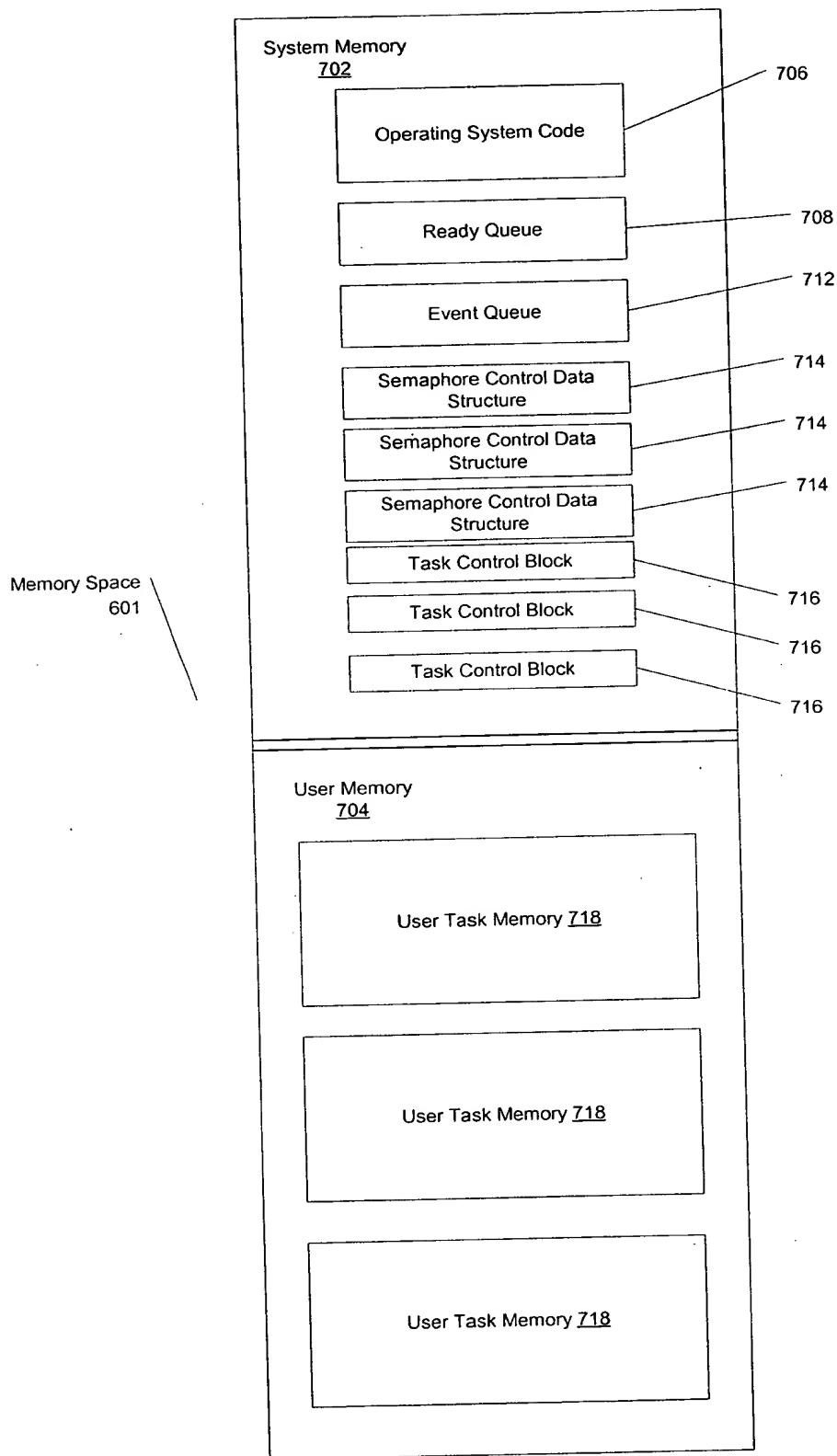
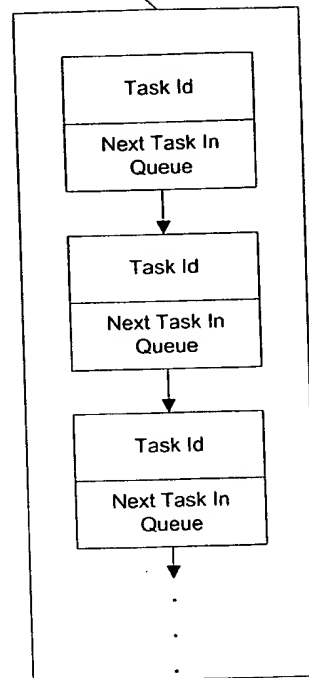
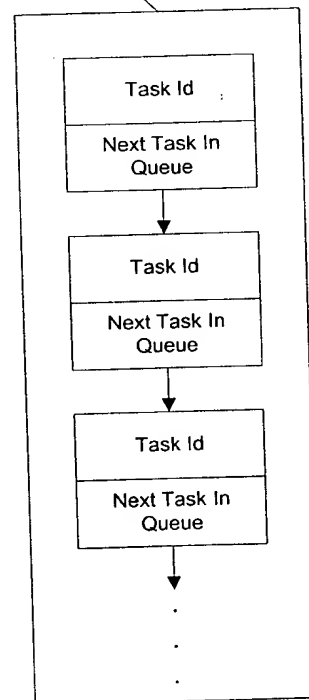


Figure 7

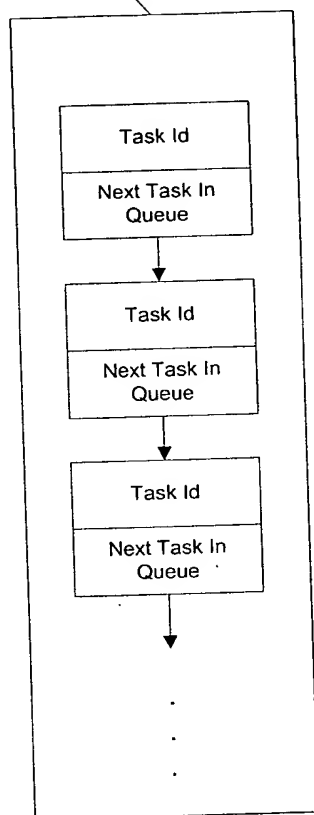
Semaphore Wait
Queue 806



Semaphore Wait
Queue 806



Ready Queue
802



Timeout Queue
804

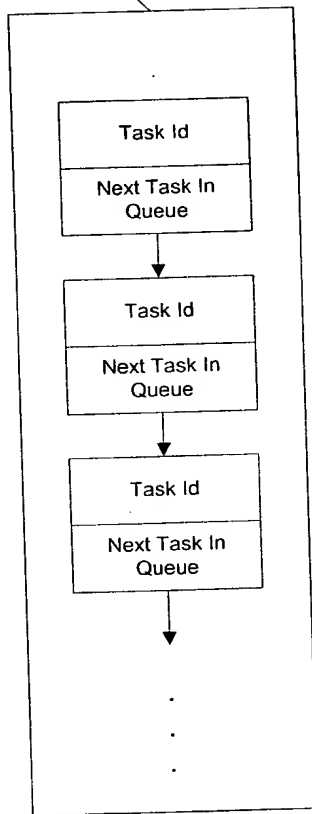


Figure 8

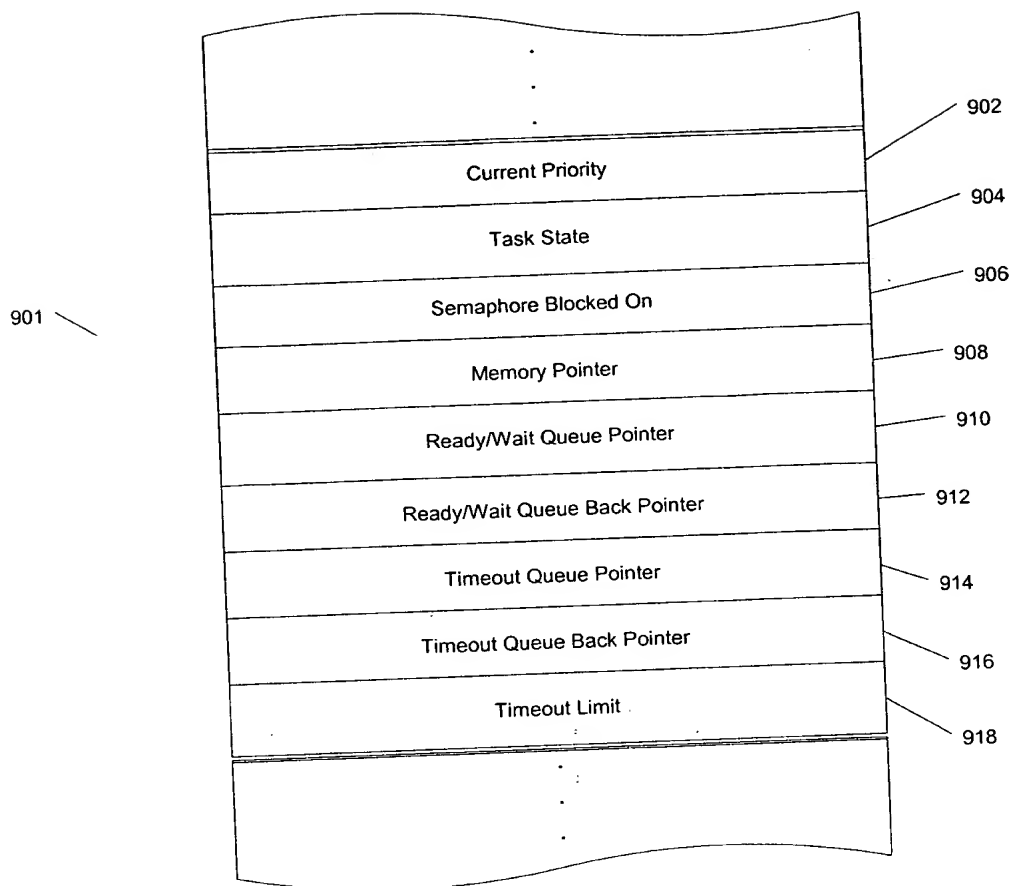


Figure 9

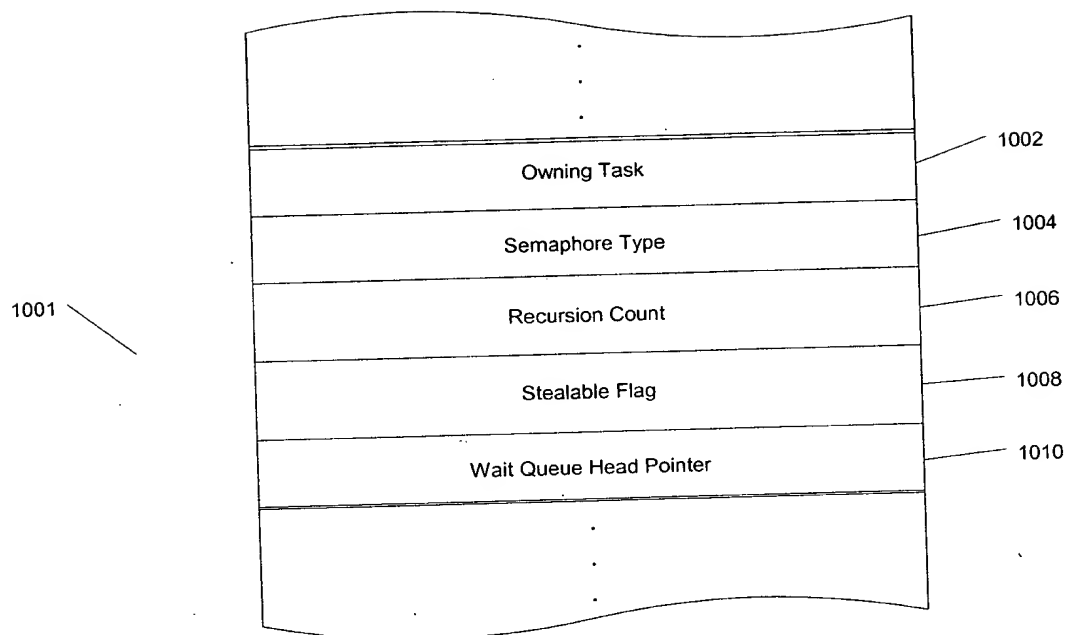


Figure 10

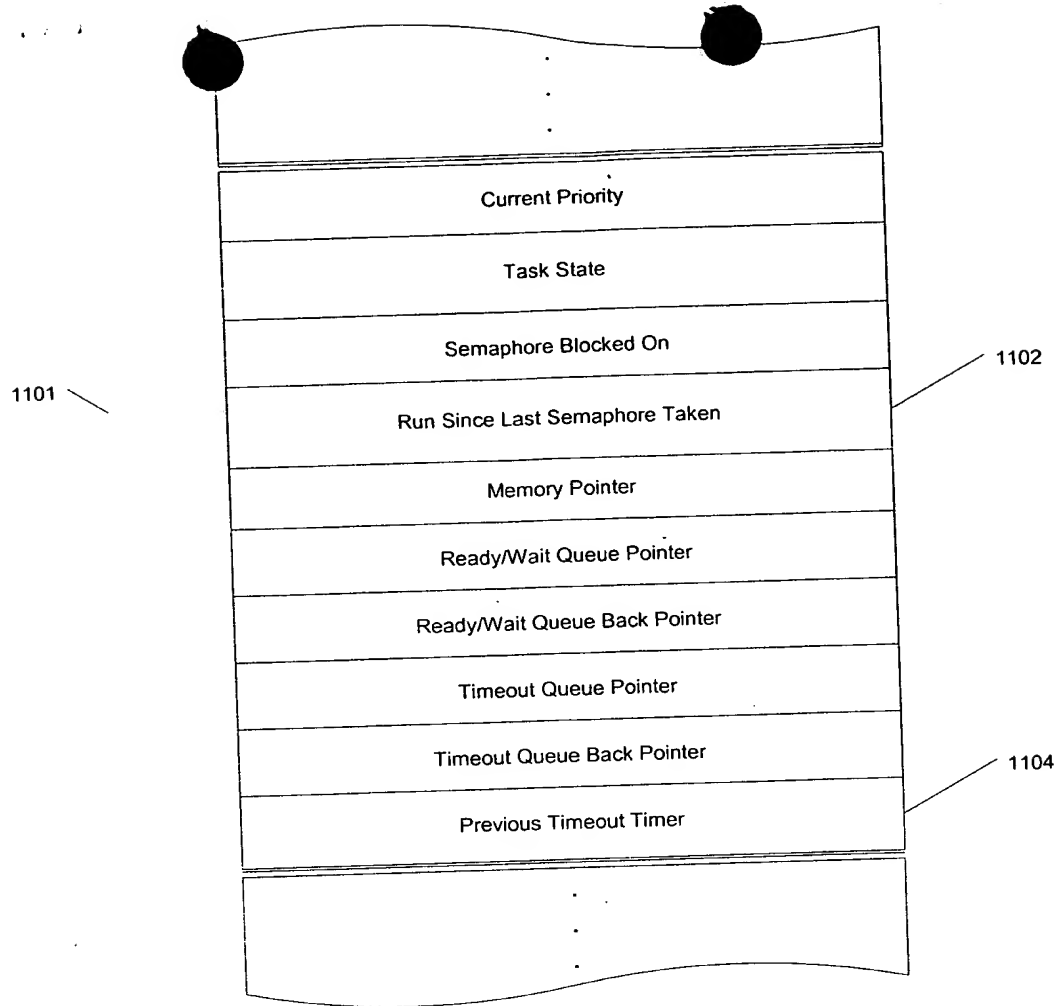


Figure 11